

MERLO P38.13

DIMENSIONS

A (mm)	5240	H (mm)	2220
B (mm)	1675	M (mm)	995
C (mm)	2750	P (mm)	2440
D (mm)	815	R (mm)	3920
E (mm)	4100	S (mm)	4940
F (mm)	480		

*Internal length useful.

CHARACTERISTICS AND PERFORMANCE

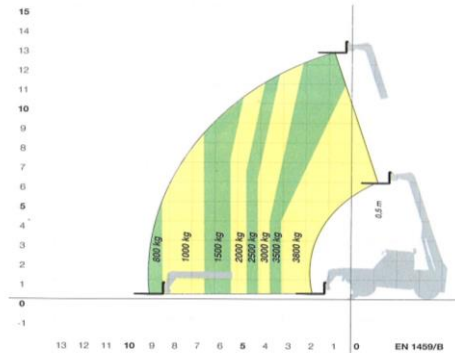
P 38.13

Total weight unladen, with forks (kg)	8650
Maximum load capacity (kg)	3800
Maximum lift height (m)	12.6
Maximum forward reach (m)	8.6
Lift height at maximum load capacity (m)	11
Forward reach at max. load capacity (m)	3
Load capacity at maximum height (kg)	3500
Load capacity at max. forward reach (kg)	800
Boom side-shift (mm)	±340
Frame levelling (%)	±10
Turbo diesel engine (make/cylinder)	Perkins/4
Tier 3 engine power (kW/HP)	74.5/101 ⁽¹⁾
Speed in 1st gear range (kph)	14 ⁽¹⁾
Speed in 2nd gear range (kph)	40 ⁽¹⁾
Hydro-pneumatic suspension EAS	○ ⁽²⁾
Hydro-pneumatic suspension BSS	○ ⁽²⁾
Fuel capacity (l)	150
Hydraulic gear pump (bar-l/min)	-
Load-Sensing hydraulic pump (bar-l/min)	210-108
Hydraulic oil capacity (l)	105
Electrical circuit (V)	12
Battery (Ah)	100
FOPS (ISO 3449) and ROPS (ISO 3471) cab	●
Hydraulic lever controls	●
Electro-mechanical joystick controls	○
Electronic joystick controls	○
Tac-Lock attachment coupling	●
Auxiliary boom hydraulic service	●
Hydrostatic transmission	●
Finger-Touch direction reversing control	●
Inching Control	●
Permanent four-wheel drive	●
Automatically locking parking brake	●
Manual battery isolator	●
Tyres	405/70-20
Four cab working lights (2 f. + 2 r.)	○
Differential lock (front + rear or rear only)	○
Manual air conditioning system	○

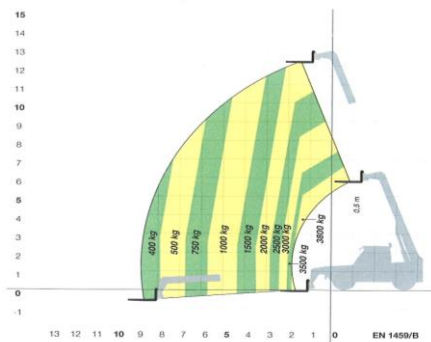
● Standard. ○ Option.



P 38.13 WITH FORKS ON STABILIZERS

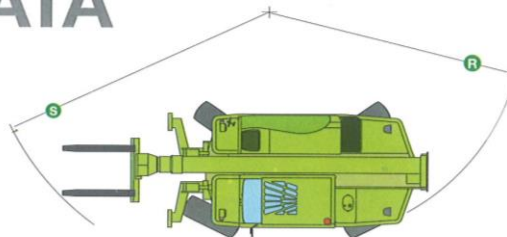
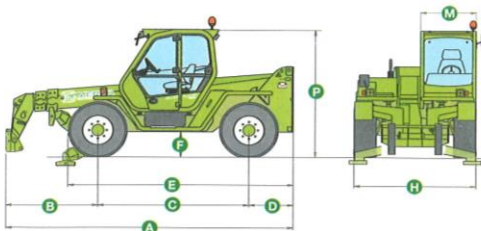


P 38.13 WITH FORKS ON TYRES



TECHNICAL DATA

P 38.13 / P 38.13 PLUS



COMPLIANT EN 15000